

CN 0000036937

Universiti Teknologi MARA

**User Interface for Networking subject based on
Component Display Theory using Adept Model**

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**Thesis submitted in fulfillment of the requirements for
Bachelor of Science (Hons) Information Technology
Faculty of Information Technology And
Quantitative Science**

April 2005

DECLARATION

This is certify that this report together with all the words, facts and relevant printed materials are fully under my own, except several facts findings that each of their sources have been clarified.

APRIL 2005

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ACKNOWLEDGEMENTS

Assalamualaikum w.b.t

It has been a great pleasure for me to do research and to write this thesis. I have received tremendous help, support and encouragement from my main supervisor, En. Mohd. Faisal Bin Ibrahim. First and foremost, I would like to express my graceful to my dedicated supervisor, En Mohd. Faisal Bin Ibrahim for their guidance and his effort in reading through the draft of this project. He has given me a lot of information about this project and gives comment about my work also give advice to the work hardly.

Secondly, I am also like to thank my lecturer Problem Formulation Project (ITC 599), Pn. Zaidah, for her guidance, recommendations and suggestions that helped me to complete of this project. Without the guidance, comments and advice for this project would never do better good of this project. Specials thanks to my examiner Encik Fauzi Bin Mohd Saman for his willingness in help, cooperation and be very helpful in the analysis of the project.

I also like to thank my family, especially my father and my mother because of their support and advises me to complete of this project on time. Moreover to my sister that encourages me to do this project successfully. The most important support I have received from my beloved classmates Group B, Part 06, Semester November 2004 – April 2005, for the suggestions and advices they gives me through out to complete of this project.

And finally, I like to thank all of my friends who given me the idea or suggestion to complete for this project. I hope this thesis paper will be very useful information in near future. All praises go to the Almighty Allah s.w.t for giving the will to complete of this project.

ABSTRACT

Networking is such a complex subject. Students have to conquer all the topics to score in the networking subject. Particularly, students have to read the book while learning networking subject. They have to read page by page to understand the topics. Unfortunately, most of the students cannot understand or remember what they had read. They are also easily get bored because of the long explanation in textbook.

Thus, this user interface is built to provide alternative ways in learning environment. This user interface is based on Component Display Theory (CDT) and using Advanced design environment for prototyping with tasks (ADEPT) model. This project will focus on user interface for networking subject which is one of the subjects offered in Faculty of Information Technology and Quantitative Sciences (FTMSK), Mara University of Technology (UiTM).

The methodology researcher had used in this user interface are unstructured interview with lecturers regarding e-learning design, researcher observations and extracting information from journal, articles from internet and magazines.

The significants of the project are, this user interface could help students in learning networking subject in an interactive environment and enhance their understanding about the subject and FTMSK UiTM will also get benefit from this user interface by applying it because it can increase student's performance in networking subject.

Researcher had also done three user interface with different subject which are Networking, Additional Mathematic and English language. As a result, researcher had found CDT cannot be implemented in non-technical subjects.

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